

Split System Submittal Data

System: 18XHS72

Indoor/Outdoor: XHS1872/CH1872

Grille: PNR-XS1872

SANYO

Building Life.

Ceiling Recessed Heat Pump

Job Name: _____
Location: _____
Engineer: _____
Submitted to: _____
Submitted by: _____
Reference: _____

Approval: _____
Date: _____
Construction: _____
Unit #: _____
Drawing #: _____

General Data (at 230V)

Power	V/PH/Hz	230/208/1/60
Circuit Ampacity	(A)	20
Fuse Size, Max.	(A)	20

Compressor	DC Rotary Inverter	
No. used		1
R.L. Amps - L.R.	(A)	9.8/10.6-20

Outdoor Unit

Fan type		Propeller
Dia. (in.) - No. Speeds		16-17/32-1
Type Drive - No. Speeds		Direct-3
No. Poles	(RPM)	8-820/850
No. Motors	(W)	40-1
CFM	(HIGH))	524
F.L. Amps	(A)	0.5

Coil Type	Aluminum Fin and Copper Pipe
Fin Type - Pipe Type	Corrugated Plate - Inner Rifled
Rows - F.P.I.	2-18.1
Face Area	(sq.ft.)) 6.4
Tube Size	(in.) 9/32

Indoor Unit

Fan type		Turbo
Dia. & Length (in.) - No. Speeds		12-5/8/5-3/4-1
No. Speeds		3+Auto
No. Poles	(RPM, High))	8-720
No. Motors	(W)	30-1
CFM	(Hi/Med/Low)	341/294/253
Indoor Sound Rating	(Hi) (dB-A)	44
F.L. Amps	(A)	.3

Coil Type	Aluminum Plate Fin & Copper Tube
Fin Type - Pipe Type	Slit Plate & Inner Rifled
Rows - F.P.I.	2-18.1
Face Area	(sq.ft.)) 2.94
Tube Size	(in.) 9-32"
Drain Connection Size	(in.) 23/32"



Refrigerant	R410A
Lbs. - R410a (outdoor unit)	2.87
Control	Electric Expansion Valve
Connection	Flare
Line Length, Max (ft.)	100
Lift Difference, Max (ft.)	50
Line Size (in O.D. Dishcharge)	1/4"
Line Size (in O.D. Suction)	1/2"

Dimensions	(in.)	H x W x D
Indoor Unit	(uncrated)	11-1/16 x 22-5/8 x 22-5/8
	(crated)	11-13/32 x 24-3/16 x 28-1/8
Outdoor Unit	(uncrated)	26-3/8 x 34-21/32 x 11-7/32
	(crated)	29-1/8 x 39-27/32 x 14-31/32

Weight	Indoor	Outdoor
Net	(lbs.) 35.3	97.0
Shipping	(lbs.) 41.9	105.8
Shipping Volume	(cu.ft.) 4.59	9.88

Performance Data @ ARI Standard Conditions (230/208V)

Cooling		
Total Capacity	(BTU/H)	17,500 (4,000-17,500)
Sensible Capacity	(BTU/H)	10,600
Latent Capacity	(BTU/H)	6,900
SEER		16
Dehumidification	(Pints/H)	4.89
Amps	(A)	8.3(1.2-8.3)
Power Inputs	(W)	1860(250-1860)
Outdoor Sound Rating	(dB-A)	51

Heating

Total Capacity	(BTU/H)	20,400 (4,400-20,400)
HSPF		8.5

➡➡➡ Dimensions

Heating

Amps	(A)	10.5(1.3/10.5)
Max. Amps		-
Power Inputs	(W)	2340/2340(270-2340)
Back-up Strip Heater		0.00/0.00
Outdoor Sounds Rating	(dB-A)	51

Features

Controls	Microprocessor
Remote Controller	LCD Wireless Type, Temp. Sensor Built In
Temperature Control	IC Thermostat
Timer	24 Hr Program; 1HR ON/OFF
Night Setback	Built-In
Air Louver	Manual
	(Horizontal)
	(Vertical)
Power Failure Automatic Restart	Automatic
Self-Diagnosis	Built-In
Air Filter	Built-In
Air Clean Apatite Filter	Washable, Anti-Mold
Quiet Operation	Standard
Ion Generator	Built-In

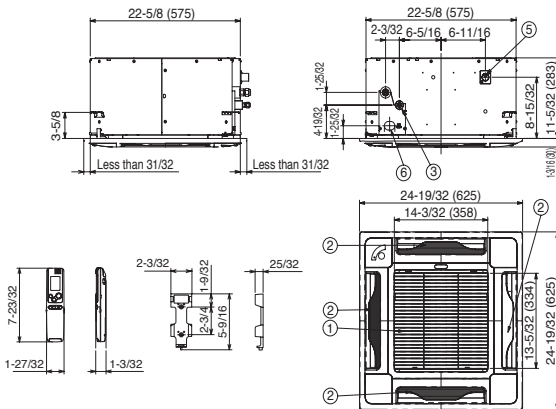
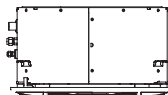
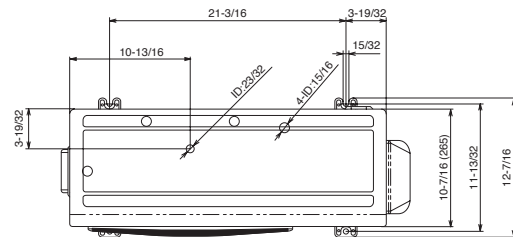
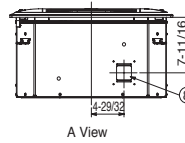
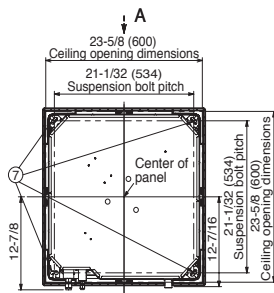
Options

Refrigerant Line Set	Available
Fresh Air Intake	Knock-out
Air duct Extension	N/A
Condensate Drain Pump	Standard
Hard Wired Remote Controller	Available
Non-Removeable Locking Remo-con Bracket	Available

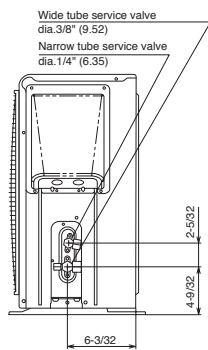
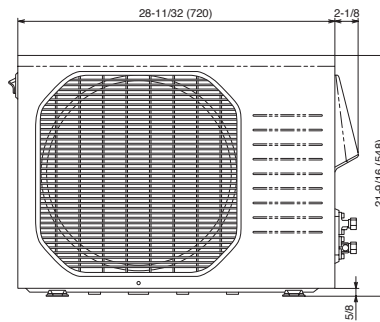
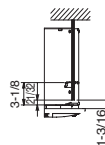
Operating Range

Cooling	Maximum	Indoor Air Intake Temp.	Outdoor Air Intake Temp.
		95F DB/71F WB	115F DB
Heating	Maximum	Indoor Air Intake Temp.	Outdoor Air Intake Temp.
		80F DB/67F WB	75F DB/65FWB
	Minimum		
		67F DB/57F WB	0F DB
		-DB/-WB	0F DB

- ① Air intake
- ② Discharge outlet
- ③ Refrigerant tubing (liquid tube) dia. 1/4" (flared)
- ④ Refrigerant tubing (gas tube) dia. 1/2" (flared)
- ⑤ Drain tube connection port VP20 (outer dia. 1")
- ⑥ Power supply port
- ⑦ Suspension bolt hole (4 - 1/2" x 1-1/8" hole)
- ⑧ Fresh air intake duct connection port (dia. 3-7/8")



The length of the suspension bolts should be selected so that there is a gap of 1-3/16" or the ceiling (21/32" or more below the lower surface of the main unit), as shown in the figure at right. If the suspension bolts is too long, it will contact the ceiling panel and the unit cannot be installed.



SANYO

Sanyo Commercial Solutions
A Division of SANYO North America
1300 Michael Drive
Wood Dale, IL 60191 USA
www.sanyohvac.com

